

FIGURE 1

A

intracellular domain		extracellular domain		C
Nt	Ser/Thr phosphatase	JM	TM	
1	240-300-18			51

8

**FIGURE 2A - FIGURE 2B**

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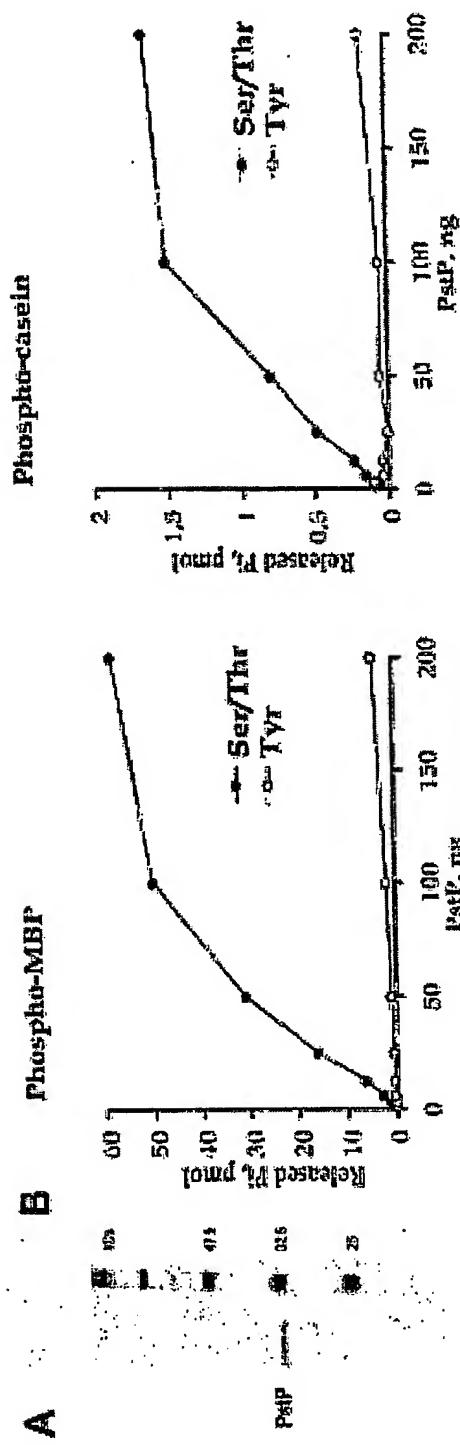
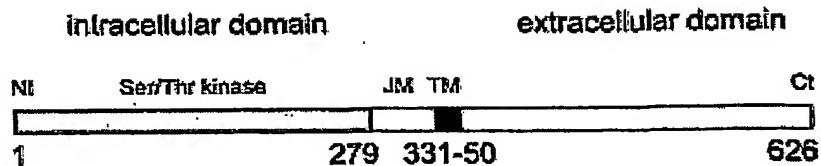


FIGURE 3A

FIGURE 3C

FIGURE 3B



**FIGURE 4A**

Myo_cubans	SPATINDEPDPDQEVIVWKGKNEVYGG	PTHEP, SGLSVDSPDADSEWTCIHLPAEIVVQDPSAIXDVK
Myo_leprae	GPETECDLDRNTGCGVIVRQHHLHIVYGG	STKE, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Cot_glauc	GTETEETVHICRQHHLHIVYGG	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Ma_fusca	-.MMPKQVWVQVDPDARRIGEED	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Cot_effig	GPDSLTVVWVQVHOMDQSHSHTSIC	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Ma_fusca2	PTTNTVPPVWVQVDPDARRIGEED	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Bif_leagu	PTTNTVPPVWVQVDPDARRIGEED	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Str_coc11	GTETTIDPQVWVQVDPDARRIGEED	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Str_coc12	GG, FPTVPPVWVQVDPDARRIGEED	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK
Str_coc13	PTTNTVPPVWVQVDPDARRIGEED	PTHEP, SGLSVDSPFATIEPFTTRPFDADIVVQDPSAIXDVK

**FIGURE 4B**

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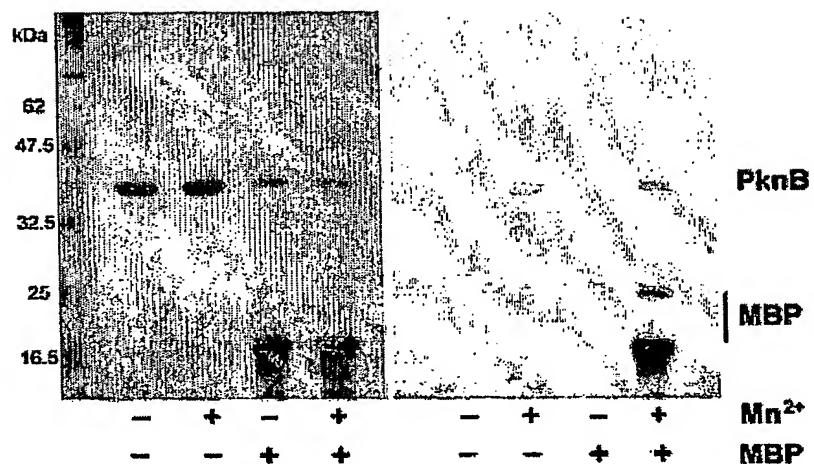
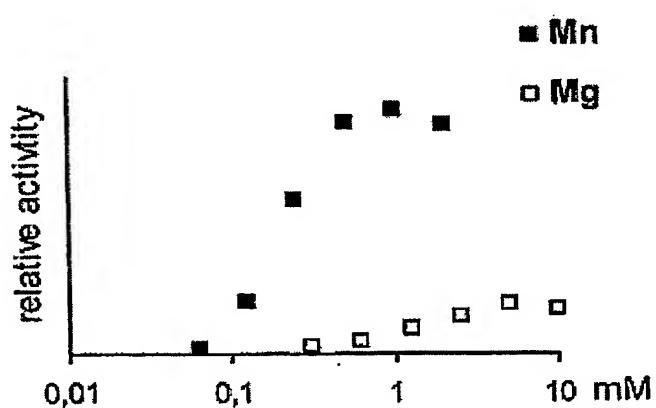
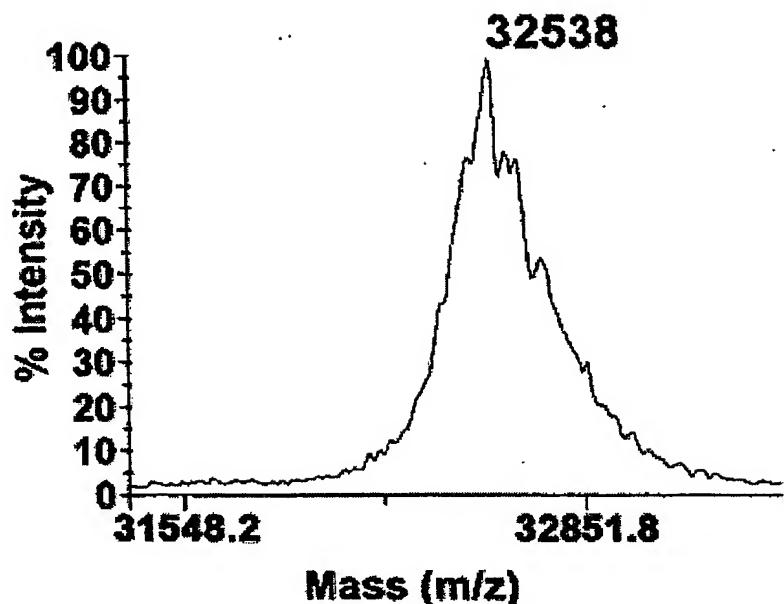
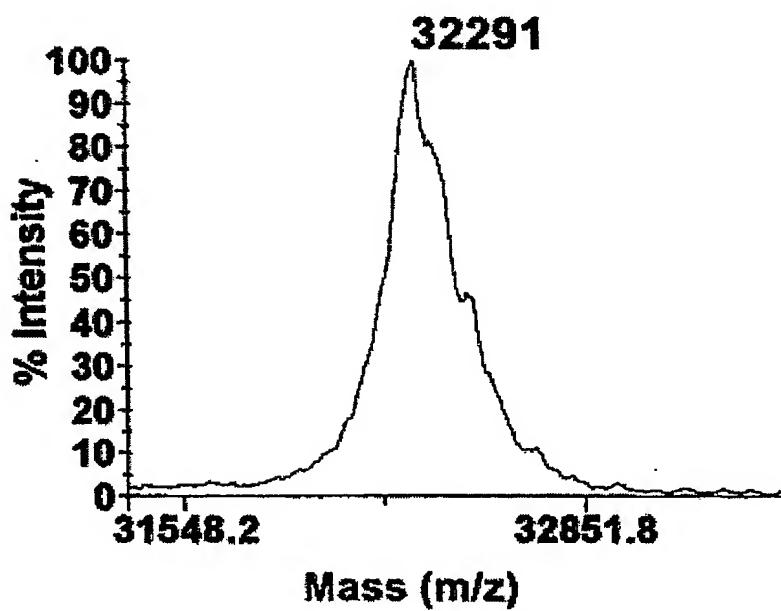
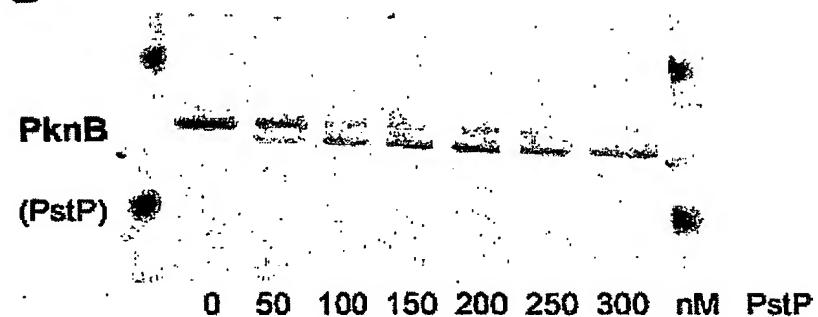
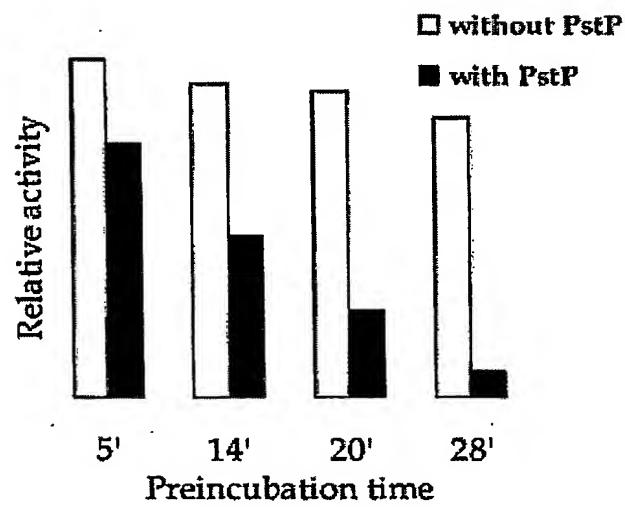
**A****B**

FIGURE 5A - FIGURE 5B

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**A****B****FIGURE 6A - FIGURE 6B**

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**A****B****C****FIGURE 7A - FIGURE 7B - FIGURE 7C**

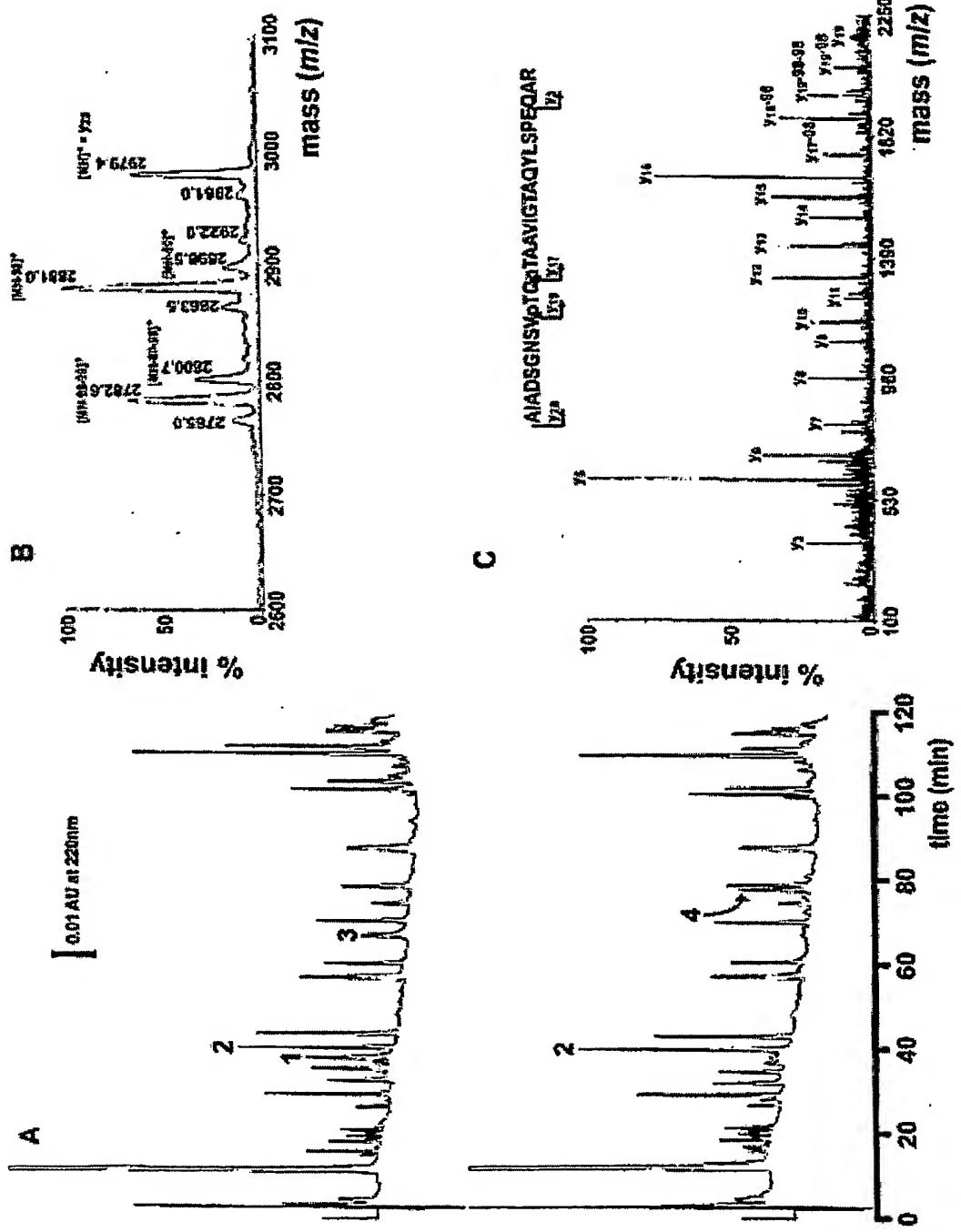
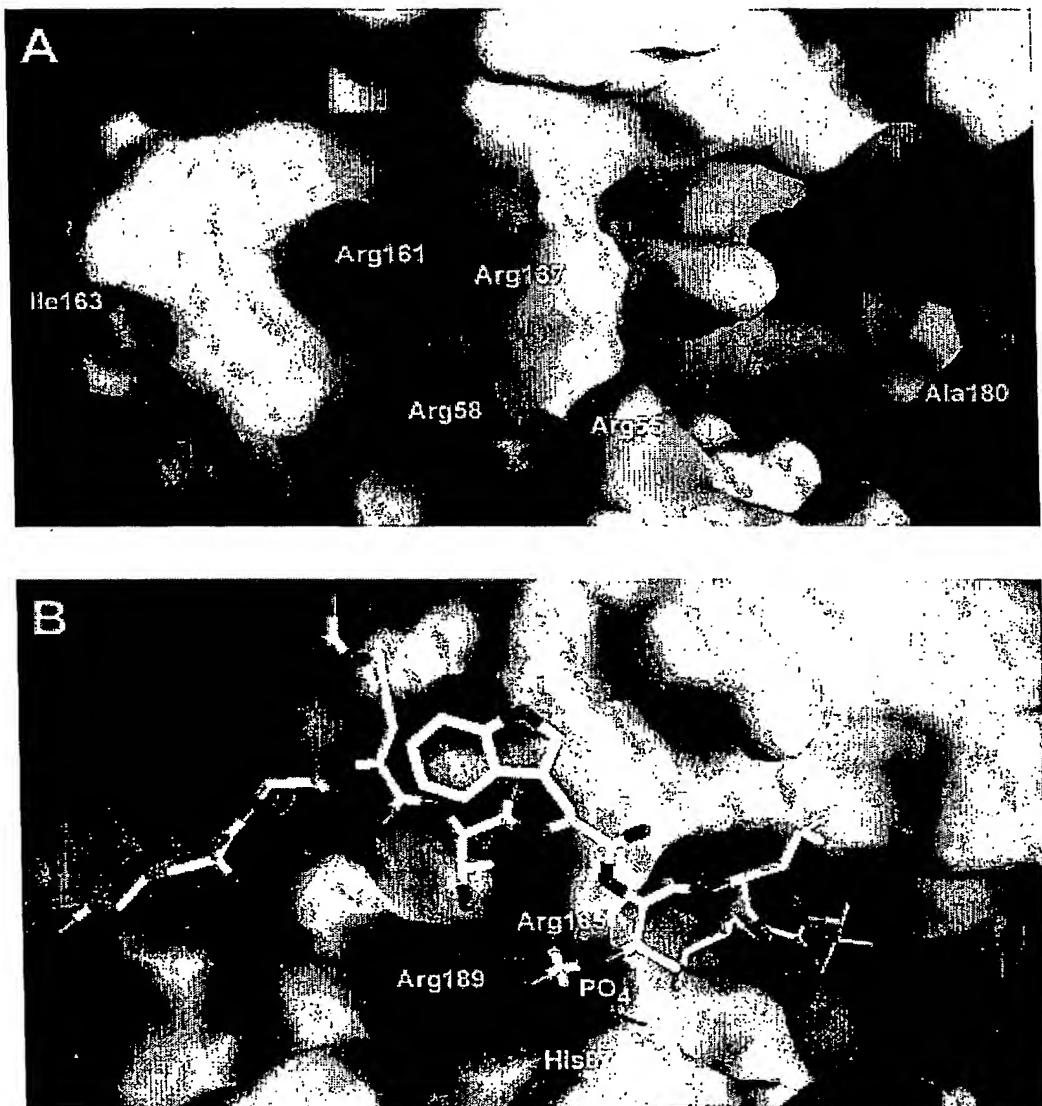


FIGURE 8A

FIGURE 8B - FIGURE 8C

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**FIGURE 9A - FIGURE 9B**

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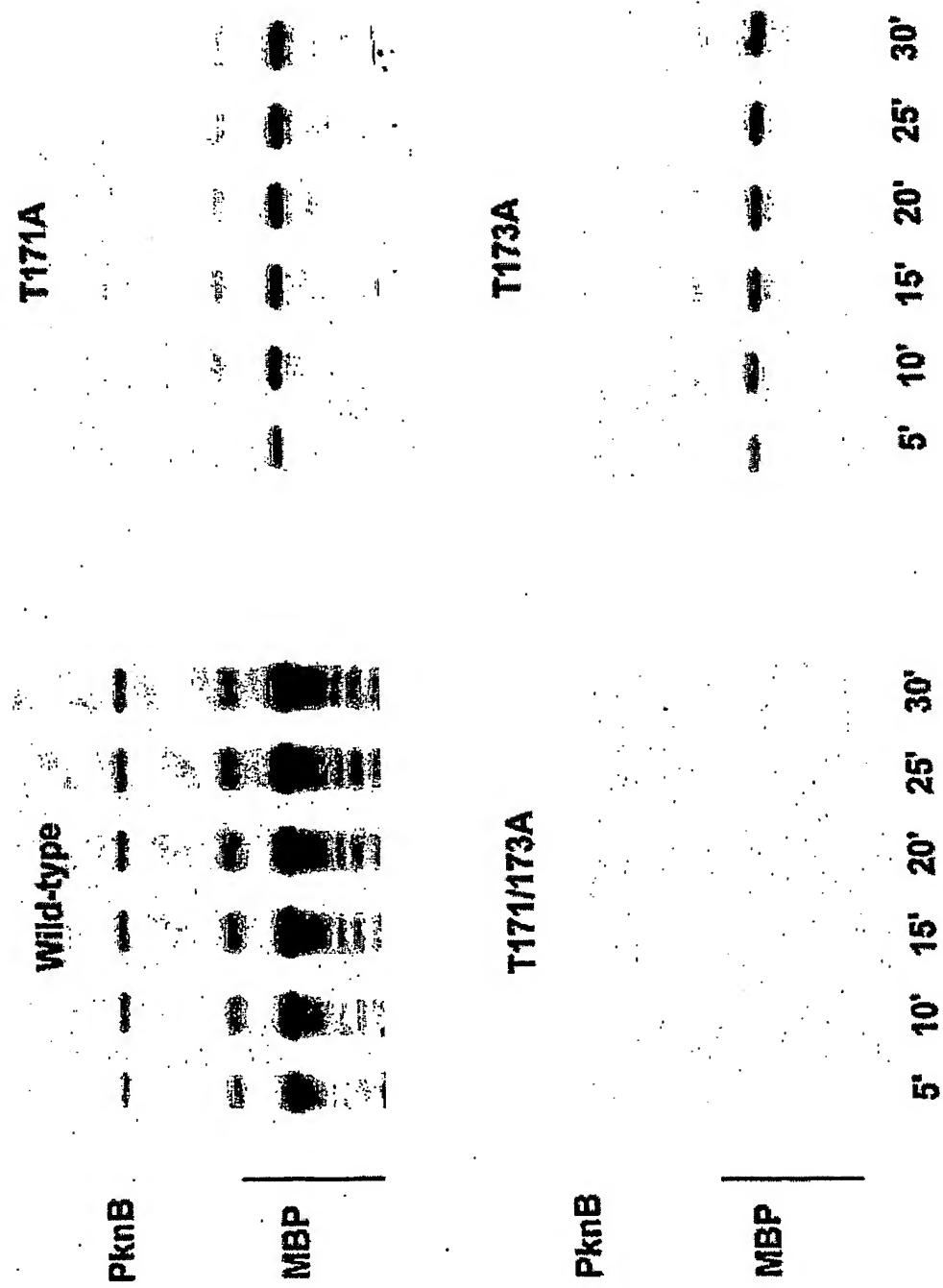


FIGURE 10